

Name \_\_\_\_\_

**Science Puzzle - Spring Break '08**

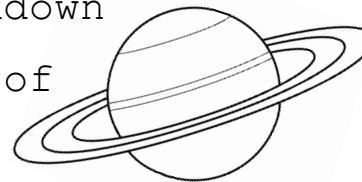
Directions: Look for the science words in the word search on the last page and circle them. Then write the word next to the definition below. Answers will be posted on the school web site Science Page: **www.ps146.us**

acceleration	germination	meter	topsoil
air pressure	glacier	pulley	troposphere
atmosphere	gravity	pupa	volcano
bacteria	habitat	pupa	water cycle
barometer	herbivore	niche	weathering
carnivore	hibernation	nutrients	runoff
condensation	humidity	omnivore	simple machine
conductor	igneous	photosynthesis	vertebrate
consumer	inclined plane	precipitation	volume
decomposer	insulator	predator	weathering
decomposition	invertebrate	prey	work
electromagnetism	larva	producer	
erosion	lava	protist	
estivation	loam	revolution	
evaporation	magma	rotation	
force	lever	sedimentary	
friction	mass	subsoil	
fulcrum	mass	temperature	
fungi	metamorphic	thermometer	



- 1 **germination** the first stage in the development of a plant from a seed
- 2 **decomposition** breaking down of matter
- 3 **sedimentary** rock made out of matter that has settled to the bottom

- 4 **igneous** rocks made out of cooled magma or lava
- 5 **metamorphic** rocks changed by temperature and pressure
- 6 **gravity** force that pulls you down to the earth
- 7 **friction** resistance between two rubbing objects that can produce heat
- 8 **photosynthesis** plants making food from sunlight using chlorophyll
- 9 **nutrients** ingredients needed by organisms to help them grow and survive
- 10 **prey** creature that gets eaten by another creature
- 11 **predator** any creature that eats another creature
- 12 **consumer** organism that must rely on other organisms to create its food
- 13 **producer** a plant that is able to create food for other organisms
- 14 **decomposer** organism such as fungi & bacteria that feeds on dead material causing chemical breakdown
- 15 **water cycle** endless repeating process of evaporation followed by precipitation
- 16 **evaporation** process that turns water into vapor
- 17 **condensation** process by which water vapor is transformed into dew, fog, or cloud droplets
- 18 **precipitation** water that falls to the earth in the form of rain, snow, hail, or sleet
- 19 **runoff** water that drains or flows off the surface of the land



20 atmosphere blanket of gases that surrounds a planet or moon

21 troposphere layer of atmosphere closest to Earth

22 air pressure force created by the weight of the atmosphere

23 habitat natural home or environment of a plant or animal

24 niche an organism's special role in an ecosystem

25 temperature measurement of cold or heat

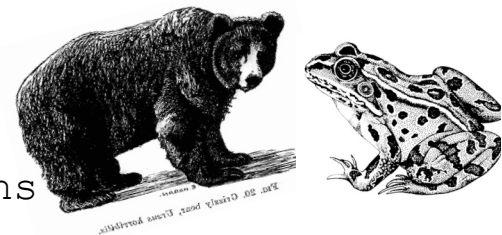
26 humidity measurement of how much water vapor is in the air

27 thermometer device for measuring temperature

28 barometer device for measuring humidity

29 hibernation period of no activity by an organism during the cold winter months

30 estivation inactivity by an organism during the warm summer months



31 weathering destructive processes that change the physical and chemical characteristics of rocks

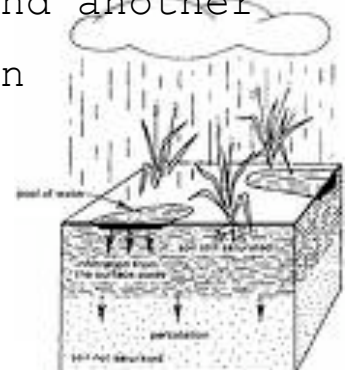
32 erosion wearing away of land or soil by the action of wind, water, or ice

33 rotation movement of an object in a circular motion

34 revolution the motion of one body around another

35 topsoil the rich upper layer of soil in which plants have most of their roots

36 subsoil the layer of soil



between the topsoil and bedrock

37 loam a rich soil composed of clay, sand, and organic matter

38 glacier slowly-moving river of snow and ice

39 volcano an opening in the earth's crust through which steam and lava are forced out

40 magma melted rock beneath the Earth's surface

41 lava molten rock flowing above the Earth's surface

42 pumice a type of light-weight rock formed by volcanic eruptions

43 vegetarian any organism that eats only producers (plants)

44 carnivore an organism that eats meat

45 omnivore an organism that eats both plants and animals

46 protist an organism that is made up of one cell containing a nucleus

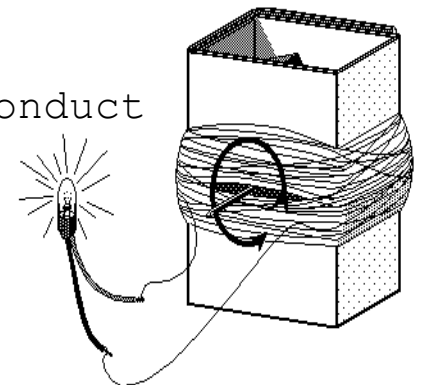
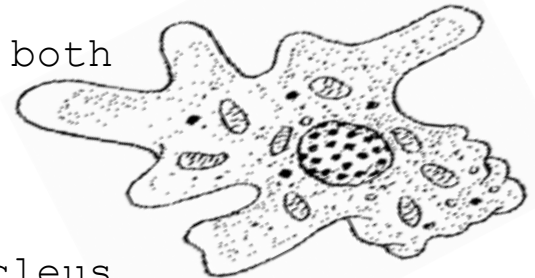
47 bacteria organisms made of one cell with no nucleus

48 fungi plants that are dependent upon plants or organisms for food and are capable of breaking-down many types of organic matter (the process of decomposition)

49 elecromagnetism the interaction between electrical and magnetic fields

50 insulator a material that does not conduct electricity

51 conductor a material



through which electricity can flow easily

52 mass the amount of matter in  
an object. The main unit is the **gram (mg)**.

53 volume the amount of space something takes up,  
usually measured in **liters (L)** for liquids and gases or  
**cubic centimeters (cm<sup>3</sup>)** for solids.

54 meter the unit for measuring length and distance

55 inclined plane ramp or slanted surface

56 work force moving an object through a distance

57 simple machine device that makes work easier

58 lever a stiff object that turns around  
a point. Examples: seesaw, wheelbarrow, scissors

59 fulcrum the point that a lever turns around

60 pulley wheel with a rope around it

61 force what causes an  
object to speed up or slow down

62 larva immature, wingless

stage in the life of insects; early young  
that are completely unlike the adults

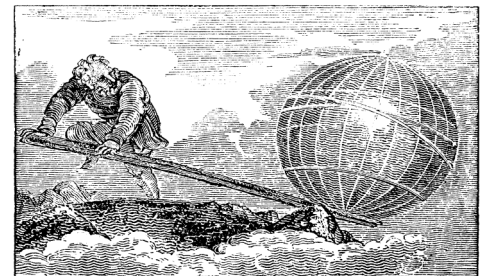
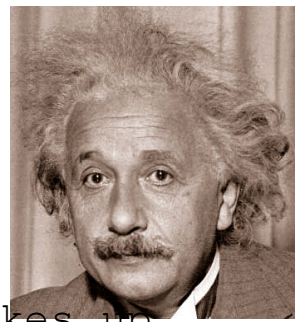
63 pupa second stage in the life  
of an insect when it is often encased in a cocoon

65 vertebrate organism without a backbone

66 invertebrate organism that has a backbone

67 exoskeleton hard outer covering  
that protects and supports the body

68 acceleration any change in speed or direction



h u m i d i t y o g i h p p s d M a h a m o u d  
 w e H a l v o r m r g i r u h e a h v l p s t k  
 I a n T g J o h n a n b e p a c m g e a r i o T  
 s n t a p m a f i v e e y a m o a J r r o r p m  
 v l o e l u a . v i o r w c o m d t t v t e s o  
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 N u o n a e o e n i e c i a t o o m M h p c s o  
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 C b a r o m e t e r p r e c i p i t a t i o n e  
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